




PATENT APPLICATION

CERTIFICATE OF MAILING/FACSIMILE TRANSMISSION (37 CFR 1.8)

I hereby certify that this paper (along with any paper referred to as being transmitted therewith) is being deposited with the United States Postal Service in an envelope addressed to Commissioner for Patents, P.O. Box. 1450, Alexandria, Virginia 22313-1450 on the date shown below as EXPRESS MAIL POST OFFICE TO ADDRESSEE, MAILING LABEL NO. EV 540353455 US.

Maria T. Sanchez
(Print Name)

Date: May 4, 2005


(Signature)

Attorney Docket No. 2001JP309

IN THE UNITED STATES PATANT AND TRADEMARK OFFICE

In re the Application of

Takamasa HARADA

Serial No.: 10/688,542

Art Unit: 2872

Filed: October 17, 2003

Examiner: John Juba, Jr.

For: **OPTICAL FILM HAVING CONTROLLED CATTERING/TRANSMITTING
CHARACTERISTICS**

DECLARATION UNDER RULE 132 OF TAKAMASA HARADA

May 4, 2005

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

EXPRESS MAIL MAILING LABEL NO. EV 540353455 US

I, Takamasa HARADA of AZ Electronic Materials (Japan) K.K., 28-8, Honkomagome 2-chome, Bunkyo-ku, Tokyo 113-0021, JAPAN, declare:

THAT I am by profession a research physicist having earned a Bachelor's degree from the department of physics of Tokyo Metropolitan University in March 1976, and a Master's degree from the postgraduate course of the same University in March 1978.

THAT I was employed by Hoechst Japan Limited in 1988, and transferred to Clariant (Japan) K.K., to which the Specialty Chemicals business of Hoechst Japan Limited was assigned in 1997. I have been employed by AZ Electronic Materials (Japan) K.K. since October 2004, to which was assigned its position by Clariant (Japan) K.K. based on the Electronic materials business transfer, and was engaged in research and marketing mainly on optical device since being employed by Hoechst Japan Limited.

THAT I am the sole inventor of the invention (hereinafter called "present invention") disclosed in the above-identified U.S. patent application and hence I am fully familiar therewith.

THAT I was intimately involved with the preparation of the above-identified U.S. patent application, and that all the examples and comparative examples in the above-identified U.S. patent application correspond exactly to experiments made for preparing the application and by my knowledge are true; and that all statements made in association therewith in the above-identified U.S. patent application are made on information and belief and are believed to be true.

THAT, in order to show that the present invention is patentably distinct from those taught in the references cited by the examiner, the following experiments have been carried out under my supervision as follows.

EXPERIMENT

EXPRESS MAIL MAILING LABEL NO. EV 540353455 US

Serial No.10/688,541
Filing Date September 17, 2003

Customer No. 26,289
Attorney Docket 2001JP309

As a reflective polarizer 2, a DBEF of 3M Co. was used and a pressure sensitive acrylic adhesive 3 was coated on this DBEF in a thickness of $25\ \mu\text{m}$. An MFI 50A1000 of Microsharp Co. was adhered thereon as a light scattering film 1, and an optical film having a structure as shown in the amended Fig.7 was laminated. This film was disposed on a back light unit 4, and the brightness was measured by a photodetector 5. Measurement of the brightness in the film normal and inclined direction was conducted by measuring the amount of outgoing light 6 in the normal and inclined direction of the film with photodetector 5. Attached Fig. 8 (a) and (b) show transmittance characteristics of a light scattering film used in this EXPERIMENT, and the result of transmittance in the normal direction is attached in Table 1.
The Optical film using Sample C4, C8, C9, C10, C11 KS4A or KS4I was bright and visible, but the film using Sample C17, C18, C19 or C20 was dark and not visible.

I, the undersigned declarant, declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and; further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001, of Title 18, of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signed this 27th day of April, 2005


Takamasa HARADA

EXPRESS MAIL MAILING LABEL NO. EV 540353455 US